

LIST OF COMMERCIAL SOURCES

EFFECTIVE: July 31, 2017

ATTENTION: ALL DISTRICTS

LIST OF SOURCES CHECKED UNDER ARTICLE 703.2 OF THE 2002 CONSTRUCTION MANUAL FOR QUALITY CONTROL OF COMMERCIAL SOURCES, NOTE 4, AND MP 700.00.01.

<u>SOURCE CODE</u>	<u>COMPANY</u>	<u>PRODUCING SITE</u>	<u>TYPE MATERIAL</u>	<u>REPORT NUMBER</u>
AAQ1.01.704	“AA” Quarry	Grayson, KY	C. Agg-Limestone F. Agg-Limestone	1452083 1452082
AIC1.02.704	Aggregate Industries	La Plata, MD	F. Agg-Silica Sand	1452489 Note 1
AIC1.03.704	Aggregate Industries (Dolomite)	Millville, WV	C. Agg-Limestone F. Agg-Limestone	1452392 Note 1 1452393 Note 1
AAC1.02.704	Allegany Aggregates	Flintstone, MD	C. Agg-Limestone F. Agg-Limestone	1452466 Note 1 1452467 Note 1
AAC1.01.704	Allegany Aggregates	Short Gap, WV	C. Agg-Limestone F. Agg-Limestone	1451990 1451989
JFA2.02.704	Allen, J. F.	Elkins, WV	C. Agg-Limestone F. Agg-Limestone	1452319 1452320
JFA2.01.704	Allen, J. F. (Mashey Gap Quarry)	Elkins, WV	C. Agg-Limestone F. Agg-Limestone	1452321 1452322
BSG1.01.704	Belpre Sand & Gravel	Little Hocking, OH	C. Agg- Gravel F. Agg-Silica Sand	1452067 1452068
LCC1.02.704	Bluegrass Material	Warfordsburg, PA	C. Agg-Limestone F. Agg-Limestone	1452466 Note 1 1452467 Note 1
BAC1.02.704	Appalachian Agg. of WV	Lewisburg, WV	C. Agg-Limestone F. Agg-Limestone	1452313 1452314
BAC1.03.704	Appalachian Agg. of WV	Mill Point, WV	C. Agg-Limestone F. Agg-Limestone	1452315 1452316
BCS1.01.704	Brushey Creek Stone	Olive Hill, KY	C. Agg-Limestone F. Agg-Limestone	1452081 1452080
BSC2.01.704	Buckeye Stone	Blaney Hollow, WV	C. Agg-Limestone F. Agg-Limestone	1452509 Note 1 1452508 Note 1
CLC1.03.704	Carmeuse Lime	Maysville, KY	C. Agg-Limestone F. Agg-Limestone	1452071 1452070

List of Commercial Sources
Effective July 31, 2017
Page 2

<u>SOURCE CODE</u>	<u>COMPANY</u>	<u>PRODUCING SITE</u>	<u>TYPE MATERIAL</u>	<u>REPORT NUMBER</u>
CLC1.01.704	Carmeuse Lime	Clearbrook, VA	C. Agg-Limestone F. Agg-Limestone	1451970 1451971
CLC1.02.704	Carmeuse Lime	Strasburg, VA	C. Agg-Limestone F. Agg-Limestone	1451964 1451965
CSS1.01.704	Cool Springs Stone Supply	Hopwood, PA	C. Agg-Limestone F. Agg-Limestone	1452505 Note 1 1452504 Note 1
CSI2.01.704	Cranesville Stone	Cranesville, WV	C. Agg-Limestone F. Agg-Limestone	1452479 Note 1 1452480 Note 1
DEC1.01.704	Dillon, E. & Co.	Swords Creek, VA	C. Agg-Limestone F. Agg-Limestone	1452386 Note 1 1452387 Note 1
FMC1.01.704	Fairfax Materials	Arthur, WV	C. Agg-Limestone F. Agg-Limestone	1451988 1451987
FMC1.02.704	Fairfax Materials	Scherr, WV	C. Agg-Limestone F. Agg-Limestone	1451986 1451984
FMC1.03.704	Fairfax Materials (Sand Plant)	Thomas, WV	F. Agg-Silica Sand Manufactured	1452503 Note 1
GIC1.02.704	Greer Industries	Greer, WV	C. Agg-Limestone F. Agg-Limestone	1452502 Note 1 1452501 Note 1
GIC1.03.704	Greer Industries (Deckers Creek)	Greer, WV	C. Agg-Limestone F. Agg-Limestone	1452507 Note 1 1452506 Note 1
GIC1.04.704	Greer Industries (Cheat River)	Rowlesburg, WV	C. Agg-Limestone F. Agg-Limestone	1452500 Note 1 1452499 Note 1
GIC1.01.704	Greer Lime (Germany Valley)	Riverton, WV	C. Agg-Limestone F. Agg-Limestone	1451983 1451982
HAC1.02.704	Hanson Aggregates	New Kensington, PA	C. Agg-Gravel	1452498 Note 1
HBB1.01.704	Hilltop (Big Bend Quarry)	Battletown, KY	C. Agg-Limestone F. Agg-Limestone	1452035 1452036
HBR1.01.704	Hilltop Basic Resources	Patriot, IN	C. Agg-Gravel F. Agg-Silica Sand	1452031 1452032

List of Commercial Sources
Effective July 31, 2017
Page 3

<u>SOURCE CODE</u>	<u>COMPANY</u>	<u>PRODUCING SITE</u>	<u>TYPE MATERIAL</u>	<u>REPORT NUMBER</u>
IQC1.01.704	Inwood Quarry	Inwood, WV	C. Agg-Limestone F. Agg-Limestone	1451972 1451973
JIC1.01.704	Jaymar, Inc.	Reedsville, OH	C. Agg-Gravel F. Agg-Silica Sand	1452117 1452118
KLC1.02.709	Keystone Lime	Springs, PA	C. Agg-Limestone F. Agg-Limestone	1452470 Note 1 1452471 Note 1
LLL1.01.704	Latham Stone	Latham, OH	C. Agg-Limestone F. Agg-Limestone	1452119 1452120
LAC1.01.704	Laural Aggregates	Lake Lynn, PA	C. Agg-Limestone F. Agg-Limestone	1452497 Note 1 1452496 Note 1
LSG1.01.704	Letart Sand & Gravel	Gallipolis Ferry, WV	C. Agg-Gravel F. Agg-Silica Sand	1452115 1452116
LSC1.01.704	Lucks Stone Co.	Leesburg, VA (Goose Creek Plant)	C. Agg-Diabase	1452394 Note 1
LSC1.02.704	Lucks Stone Co. (Leesburg Plant)	Leesburg, VA	C. Agg-Diabase	1452395 Note 1
MMA1.04.704	Martin Marietta Aggregates	Apple Grove, OH	C. Agg-Gravel F. Agg-Silica Sand	1452121 1452122
MMA1.05.704	Martin Marietta Aggregates	Boonesboro, MD	C. Agg-Limestone F. Agg-Limestone	1452396 Note 1 1452397 Note 1
MMA1.02.704	Martin Marietta (Burning Springs)	Petroleum, WV	C. Agg-Limestone F. Agg-Limestone	1452003 1452004
MMA1.03.704	Martin Marietta Aggregates	Pinesburg, MD	C. Agg-Limestone F. Agg-Limestone	1452398 Note 1 1452399 Note 1
MMA1.06.704	LaFarge (Three Rivers)	Smithland, KY	C. Agg-Limestone F. Agg-Limestone	1452057 1452056
MMC2.01.704	Maryland Minerals	Accident, MD	F. Agg-Silica Sand Manufactured	1452472 Note 1

List of Commercial Sources
Effective July 31, 2017
Page 4

<u>SOURCE CODE</u>	<u>COMPANY</u>	<u>PRODUCING SITE</u>	<u>TYPE MATERIAL</u>	<u>REPORT NUMBER</u>
MSP1.01.704	Meadows Stone & Paving	Monterville, WV	C. Agg-Limestone	1452317
			F. Agg-Limestone	1452318
MCS1.01.704	Mercer Crushed Stone	Princeton, WV	C. Agg-Limestone	1452390 Note 1
			F. Agg-Limestone	1452391 Note 1
MSG1.01.704	Midvale Sand & Gravel	Midvale, OH	C. Agg-Gravel	1452005
			F. Agg-Silica Sand	1452006
MAC1.01.704	Mountain Aggregates	Elkhorn City, KY	C. Agg-Limestone	1452079
			F. Agg-Limestone	1452078
MAC1.02.704	Mountain Aggregates	Jenkins, KY	C. Agg-Limestone	1452077
			F. Agg-Limestone	1452076
MMC1.02.704	Mountain Materials	Carter City, KY	C. Agg-Limestone	1450410
			F. Agg-Limestone	1450409
MMC1.01.704	Mountain Mat. (Valley Quarry)	Olive Hill, KY	C. Agg-Limestone	1452075
			F. Agg-Limestone	1452074
MSC1.01.704	Mountain Slag	Greenup, KY	C. Agg-Slag	1452073
			F. Agg-Slag	1452072
MCS2.01.704	Mulzer Stone	Cape Sandy, IN	C. Agg-Limestone	1452039
			F. Agg-Limestone	1452040
MCS2.02.704	Mulzer Stone (Dolomite)	Charlestown, IN	C. Agg-Limestone	1452043
			F. Agg-Limestone	1452044
MCS2.03.704	Mulzer Stone	New Amsterdam, IN	C. Agg-Limestone	1452041
			F. Agg-Limestone	1452042
RAC1.01.704	Rockydale Aggregates	Broadway, VA	C. Agg-Limestone	1451960
			F. Agg-Limestone	1451961
RAC1.02.704	Rockydale Aggregates	Timberville, VA	C. Agg-Limestone	1451962
			F. Agg-Limestone	1451963
NLS1.01.704	National Lime and Stone	Carey, OH	C. Agg-Limestone	1452146
			F. Agg-Limestone	1452147

List of Commercial Sources
Effective July 31, 2017
Page 5

<u>SOURCE CODE</u>	<u>COMPANY</u>	<u>PRODUCING SITE</u>	<u>TYPE MATERIAL</u>	<u>REPORT NUMBER</u>
NES1.01.704	New Enterprise Stone (Ashcom)	Everett, PA	C. Agg-Limestone F. Agg-Limestone	1452473 Note 1 1452474 Note 1
NSG1.01.704	Nugent Sand & Gravel	Milton, KY	C. Agg-Gravel F. Agg-Silica Sand	1452033 1452034
PSG1.01.704	Piketon Sand & Gravel	Piketon, OH	C. Agg-Gravel F. Agg-Silica Sand	1452125 1452126
PRS1.01.704	Hanson Aggregates (Plum Run Stone)	Peebles, OH	C. Agg-Limestone F. Agg-Limestone	1452127 1452128
PMQ1.02.704	Pounding Mill Quarry No. 1	Pounding Mill, VA	C. Agg-Limestone F. Agg-Limestone	1452382 Note 1 1452383 Note 1
PMQ1.01.704	Pounding Mill Quarry No. 2	Bluefield, VA	C. Agg-Limestone F. Agg-Limestone	1452384 Note 1 1452385 Note 1
PMQ1.03.704	Pounding Mill Quarry No. 3	Rocky Gap, VA	C. Agg-Limestone F. Agg-Limestone	1452444 Note 1 1452443 Note 1
RBS1.01.704	RBS Quarry (Greystone)	Lewisburg, WV	C. Agg-Limestone F. Agg-Limestone	1452311 1452312
RSC1.01.704	Riverside Stone	Wolf Creek, KY	C. Agg-Limestone F. Agg-Limestone	1452037 1452038
SSC1.01.704	Salem Stone (Quartzite)	Sylvatus, VA	C. Agg-Quartzite F. Agg-Quartzite	1452442 Note 1 1452441 Note 1
SMC1.02.704	Shelly Materials (Willow Island/Reno)	Marietta, OH	C. Agg-Gravel F. Agg-Silica Sand	1452131 1452132
SMC1.01.704	Shelly Materials (Portland Plant)	Portland, OH	C. Agg-Gravel F. Agg-Silica Sand	1452129 1452130
SCS1.01.704	South Central Sand and Gravel	Piketon, OH	F. Agg-Silica Sand	1452133
SWV1.01.704	Southern West Virginia Asphalt (Kelly Mountain)	Elkins, WV	C. Agg-Limestone F. Agg-Limestone	1452323 1452324

List of Commercial Sources
Effective July 31, 2017
Page 6

<u>SOURCE CODE</u>	<u>COMPANY</u>	<u>PRODUCING SITE</u>	<u>TYPE MATERIAL</u>	<u>REPORT NUMBER</u>
SSG1.01.704	Stocker Sand & Gravel	Gnadenhutten, OH	C. Agg-Gravel	1452007
			F. Agg-Silica Sand	1452008
SMP2.01.704	Stuart M. Perry	Winchester, VA	C. Agg-Limestone	1451966
			F. Agg-Limestone	1451967
SMP2.02.704	Stuart M. Perry	Berryville, VA	C. Agg-Limestone	1451968
			F. Agg-Limestone	1451969
SMC2.01.704	Subtropolis Mining Company	Petersburg, OH	C. Agg-Limestone	1452009
			F. Agg-Limestone	1452010
VQC1.01.704	Valley Quarries	Chambersburg, PA	C. Agg-Limestone	1452475 Note 1
			F. Agg-Limestone	1452476 Note 1
VQC1.02.704	Valley Quarries	Gettysburg, PA	C. Agg-Dolomite	1452477 Note 1
			F. Agg-Dolomite	1452478 Note 1
WCC1.01.704	Melvin Stone	Oak Hill, OH	F. Agg-Limestone	1452124
WSC1.01.704	Wythe Stone	Wytheville, VA	C. Agg-Limestone	1452440 Note 1
			F. Agg-Limestone	1452439 Note 1
			F. Agg-Silica Sand (Manufactured)	1452438 Note 1

* Removed from list this quarter

** Added to list this quarter

*** Name change

**** Location change

THE FOLLOWING SOURCES ARE APPROVED FOR LIMITED APPLICATION ONLY. SEE QUALIFYING STATEMENT ON TEST REPORT TO DETERMINE WHICH APPLICATIONS ARE NOT SUITABLE FOR THIS MATERIAL.

<u>SOURCE CODE</u>	<u>COMPANY</u>	<u>PRODUCING SITE</u>	<u>TYPE MATERIAL</u>	<u>REPORT NUMBER</u>
BAC1.01.704	Appalachian Aggregates	Beckley, WV	C. Agg-Sandstone F. Agg-Sandstone	1452388 Note 1 1452389 Note 1

Aggregate from the above named company and producing site(s) have been sampled and tested in compliance with the 2002 Construction Manual. Said tests have been evaluated with respect to the Standard Specifications 2010 and the sources are identified as supplying materials which have been found to meet the requirements of said specs, exceptions noted above. Additional sources and/or types of material will be sampled and tested as outlined above and corresponding evaluations will be supplied as an addendum to this report. If District and/or Contractor personnel want additional sources evaluated, a request for pretest service should be made to the Materials Control, Soils and Testing Division (MCS&T Division). When the type and source of material which has current approval is used on a State job, District personnel should request coverage for same in the usual manner but a complete description of material source and quality check lab number must be provided.

Note 1:

Sources sampled and tested this quarter and assigned new report numbers.

Note 2:

Because of the additional qualifications required for Item 402, Hot-Mix Asphalt Skid Resistant Pavement, this list of sources and the corresponding report numbers may not be used for approval of any quantities of said item unless otherwise noted. Notification of acceptable and potential skid resistant aggregate sources and means of evaluation are contained in the "List of Potential Skid Resistant Sources and Ratings".

LIST OF POTENTIAL SKID RESISTANT SOURCES AND RATING

The following aggregate sources have demonstrated skid resistant potential and may be considered for use in Item 402; Hot Mix Asphalt Skid Resistant Pavement. There may be inadvertent omissions from this list which would include sources unknown to the Division at the time this list was compiled. Failure to appear on this list does not necessarily preclude the use of such material providing acceptance of that material, through appropriate testing, is documented by the Division. Final acceptance will be based on test results derived prior to use and applicable to Section 402.2. Each source has been rated in accordance with the sampling and acceptance procedures applicable to that source. The different ratings for said procedures were derived dependent upon accumulated data and/or conditions existing within the quarry (production processes). To determine acceptance procedures and testing necessary for approval of a particular source, compare the applicable rating with the rating description included herewith. All sampling, testing, and documentation will be in accordance with Division policy. This list will be issued periodically as additions and/or rating changes occur.

<u>SOURCE CODE</u>	<u>COMPANY</u>	<u>PRODUCING SITE</u>	<u>SOURCE RATING</u>
BAC1.01.704	Appalachian Aggregates	Beckley, WV	A-1
BAC1.04.704	Boxley Aggregates	Martinsville, VA	A-1
LSC1.01.704	Luck Stone Co. (Goose Creek Plant)	Leesburg, VA	A-1
LSC1.02.704	Luck Stone Co. (Leesburg Plant)	Leesburg, VA	A-1
MSC1.01.704	Mountain Slag	Greenup, KY	A-1
SSC1.01.704	Salem Stone	Sylvatus, VA	A-1

A-1 RATING

The source is listed on the Division's "List of Commercial Sources". Material from this source may be used without further quality testing. Coverage for the use of this source material need only reference source report number documented on the Division's "List of Commercial Sources".

List of Commercial Sources
Effective July 31, 2017
Page 9

HAC1.02.704	Hanson Aggregates	New Kensington, PA	A-2
JIC1.01.704	Jaymar, Inc.	Reedsville, OH	A-2
MMA1.04.704	Martin Marietta Aggregates	Apple Grove, OH	A-2
MMC1.02.704	Mountain Materials	Carter City, KY	A-2
MCS2.02.704	Mulzer Stone	Charlestown, IN	A-2
PSG1.01.704	Piketon Sand & Gravel	Piketon, OH	A-2
PRS1.01.704	Hanson Aggregates (Plum Run)	Peebles, OH	A-2
SMC1.02.704	Shelly Materials (Willow Island/Reno)	Marietta, OH	A-2
SSG1.01.704	Stocker Sand & Gravel	Gnadenhutten, OH	A-2

A-2 RATING

Although listed on the Division's "List of Commercial Sources", this source, when used for Item 402, needs further testing, i.e., carbonate or elemental magnesium content. Coverage for the quality (LA, soundness, deleterious) of the source material may reference source report number documented on the Division's "List of Commercial Sources". Coverage for carbonate or elemental magnesium content must reference the carbonate or elemental magnesium report number. Sampling for the above tests will be performed by District personnel before utilization and at a subsequent frequency of one sample per 10,000 tons utilized.

List of Commercial Sources
Effective July 31, 2017
Page 10

JFA2.02.704	Allen, J. F.	Elkins, WV	A-3
JFA2.01.704	Allen, J. F. (Mashey Gap Quarry)	Elkins, WV	A-3
BSC2.01.704	Greer Industries (Buckeye Stone)	Blaney Hollow, WV	A-3
LAC1.01.704	Laural Aggregates (Lake Lynn Quarry)	Lake Lynn, PA	A-3
SWV1.01.704	Southern West Virginia Asphalt (Kelly Mountain)	Elkins, WV	A-3
CSS1.01.704	Cool Springs Stone Supply	Hopwood, PA	A-3
KLC1.01.709	Keystone Lime (Grey)	Springs, PA	A-3

A-3 RATING

Although listed on the Division's "List of Commercial Sources", this source, when used for Item 402, must be sampled and approved per stockpile. Coverage for quality (LA, soundness, deleterious) and other qualifying skid criteria, if applicable, shall be based on sample results generated through stockpile sampling. Sampling may be performed by District and/or Central Division (Materials Control, Soils and Testing Division) personnel.

List of Commercial Sources
Effective July 31, 2017
Page 11

LSC1.03.704	Lucks Stone Co.	Charlottesville, VA	B-1
VMC1.01.704	Vulcan Materials (Sanders Quarry)	Warrenton, VA	B-1

B-1 RATING

This source is not listed on the Division's "List of Commercial Sources". Acceptance of this material shall be by the "Local Source" system of approval. That is, this source will be sampled for quality (LA, soundness, deleterious) by District personnel utilizing a sampling frequency of one sample for each 6 days of production. Because of the nature of this material, and its relationship to total production, further qualifying skid criteria is not required.

List of Commercial Sources
Effective July 31, 2017
Page 12

GSG2.01.704	Georgetown Sand &	Georgetown, PA	B-2
KLC1.02.709	Keystone Lime (Red)	Springs, PA	B-2
NES1.03.704	New Enterprise Stone	Bakersville, PA	B-2
NES1.02.704	New Enterprise Stone	Roaring Springs, PA	B-2
SSC2.01.704	Shelly and Sands	Richmondale, OH	B-2

B-2 RATING

The source is not listed on the Division's "List of Commercial Sources". Acceptance of this material will be per stockpile. Coverage for quality (LA, soundness, deleterious) and other applicable qualifying skid criteria shall be based on sample results generated through stockpile sampling. Sampling may be performed by District and/or Central Division (MCS&T Division) personnel.

LIST OF LIGHTWEIGHT FINE AGGREGATE FOR CONCRETE CONSTRUCTION

<u>SOURCE CODE</u>	<u>COMPANY</u>	<u>PRODUCING SITE</u>	<u>TYPE MATERIAL</u>	<u>REPORT NUMBER</u>
DIA1.01.702	DiGeronimo	Independence, OH	Haydite ¹ (Expanded Shale)	1452100
GAR1.01.702	Garick	Erwinville, LA	Riverlite ² (Expanded Clay)	1452086
KSC1.01.703	Kentucky Solite	Brooks, KY	Solite ¹ (Expanded Shale)	1452099

Lightweight Fine Aggregate (LFA) from the above named company(ies) and producing site(s) have been sampled and tested in compliance with MP 700.00.01. Said tests have been evaluated with respect to the Special Provisions, Section 601, Structural Concrete Internal Curing. ¹Source is on a stockpile by stockpile approval. When Stock pile is depleted, the source must be resampled and assigned a new approval number. ²Source pertains only to a yard stockpile. A bill of lading should be required. If District and/or Contractor personnel want additional sources evaluated, a request for pretest service should be made to the Materials Control, Soils and Testing Division (MCS&T Division). When the type and source of material which has current approval is used on a State job, District personnel should request coverage for same in the usual manner but a complete description of material source and quality check lab number must be provided.

LIST OF LIGHTWEIGHT COARSE AGGREGATE FOR CONCRETE CONSTRUCTION

<u>SOURCE CODE</u>	<u>COMPANY</u>	<u>PRODUCING SITE</u>	<u>TYPE MATERIAL</u>	<u>REPORT NUMBER</u>
DIA1.01.702	DiGeronimo	Independence, OH	Haydite ¹ (Expanded Shale)	1452101
GAR1.01.702	Garick	Erwinville, LA	Riverlite ² (Expanded Clay)	1452084
KSC1.01.703	Kentucky Solite	Brooks, KY	Solite ¹ (Expanded Shale)	1452098

Lightweight Coarse Aggregate (LCA) from the above named company(ies) and producing site(s) have been sampled and tested in compliance with MP 700.00.01. Said tests have been evaluated with respect to the West Virginia Division of Highways Standard Specifications 2010, Section 703.5 Structural Concrete. ¹Source is on a stockpile by stockpile approval. When Stock pile is depleted, the source must be resampled and assigned a new approval number. ²Source pertains only to a yard stockpile. A bill of lading should be required. If District and/or Contractor personnel want additional sources evaluated, a request for pretest service should be made to the Materials Control, Soils and Testing Division (MCS&T Division). When the type and source of material which has current approval is used on a State job, District personnel should request coverage for same in the usual manner but a complete description of material source and quality check lab number must be provided.

* Removed from list this quarter

** Added to list this quarter

*** Name change

***** Acceptable dolomite may be used alone or as a part of a coarse aggregate blend on roadways with a projected ESAL value of less than 3,000,000. On roadways with a projected ESAL value of 3,000,000 or greater, acceptable dolomite may be used only as a part of the coarse aggregate blend and shall not exceed 50% of that blend.

***** The Source Rating has been changed.